

## Abstract

In vitro methods of determining whether or not an individual has metastasized colorectal cancer cells are disclosed. In vitro methods of determining whether or not tumor cells are colorectal in origin are disclosed. In vitro kits for practicing the methods of the invention and to reagents and compositions useful to practice the methods, for example as components in such in vitro kits of the invention are provided. Methods of and kits and compositions for analyzing tissue samples from the colon tissue to evaluate the extent of metastasis of colorectal tumor cells are disclosed.